

REMARKS

The specification has been amended merely to include a sequence identifier (e.g., SEQ ID NO) for the sequences described in the application. Applicants submit that no new matter is being added.

Applicants now address the Examiner's objections in the order presented in the previous Office Action dated July 16, 2003.

1-2. Examiner's Amendments

Applicants note that the Examiner has amended claim 39 and the specification based on a telephone interview on May 10, 2004. Applicants reiterate that this Examiner's amendment is made solely to expedite allowance of claims directed to certain commercially relevant embodiments of the present invention. Applicants reserve the right to pursue claims of similar or differing scope in the future.

3. Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures

The application is objected to under 37 CFR 1.821 through 1.825. Specifically, the Examiner asserts that the specification discloses amino acid sequences (e.g., on page 54, lines 13 and 23), but these sequences are not identified by sequence identifiers nor have they been listed in the sequence listing.

In response, Applicants submit a copy of the Sequence Listing comprising SEQ ID NOs: 1-3 in paper form as required by 37 CFR 1.821(c) and a copy of the Sequence Listing in computer readable form as required by 37 CFR 1.821(e). As described above, Applicants have also amended the specification to identify these sequences by sequence identifiers. Accordingly, the application complies with the requirements of 37 CFR 1.821 through 1.825. Reconsideration and withdrawal of this objection are respectfully requested.

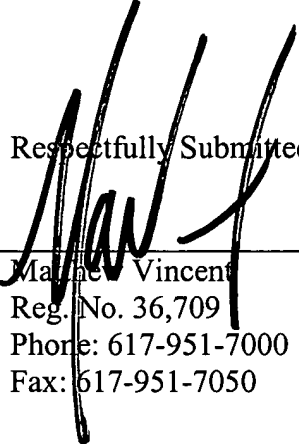
CONCLUSION

Applicants submit that the application is in condition for allowance. Early and favorable reconsideration is respectfully solicited. The Examiner may address any questions raised by this submission to the undersigned at 617-951-7000. Should an extension of time be required, Applicants hereby petition for same and request that the extension fee and any other fee required for timely consideration of this submission be charged to **Deposit Account No. 18-1945**.

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